

FIG. 2A

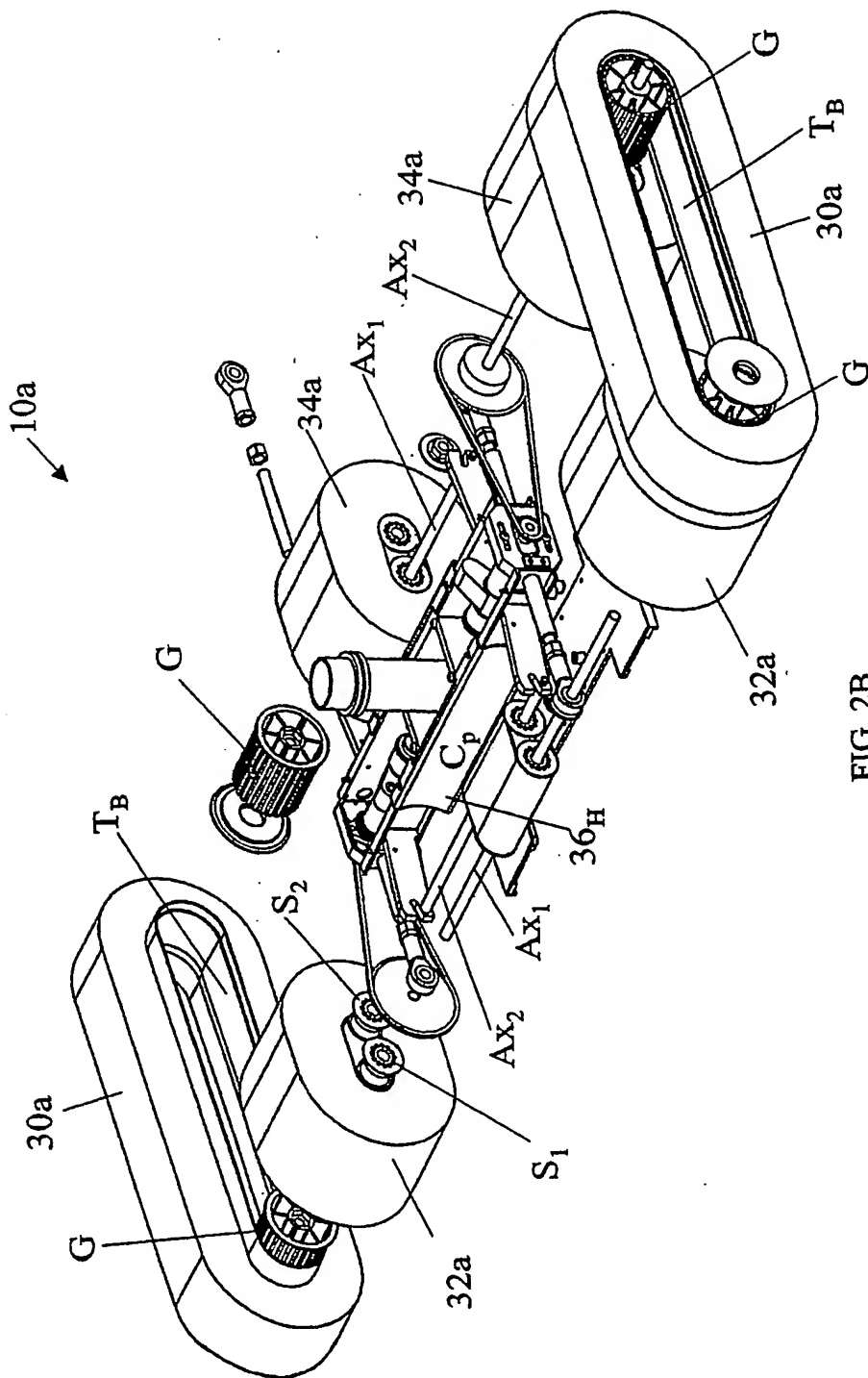


FIG. 2B is a perspective view of the mechanical assembly 10a. The assembly includes two elongated, U-shaped components 30a and 32a. Component 30a has a top surface 34a and a bottom surface 36H. It is connected to component 32a via a central linkage mechanism. The linkage includes two main shafts, AX1 and AX2, which are supported by bearings S1 and S2. A central pivot point Cp is also shown. The assembly is further connected to two cylindrical components G, which are part of a larger structure TB. The entire assembly is labeled 10a.

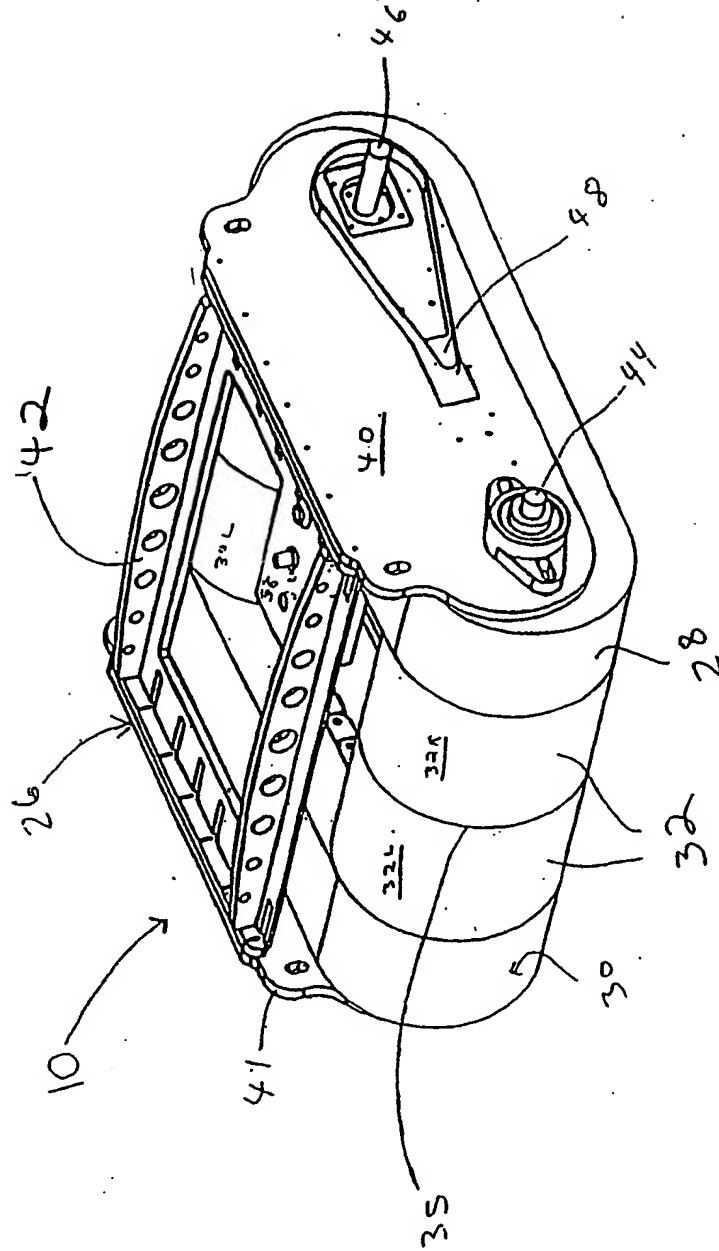


FIG. 3

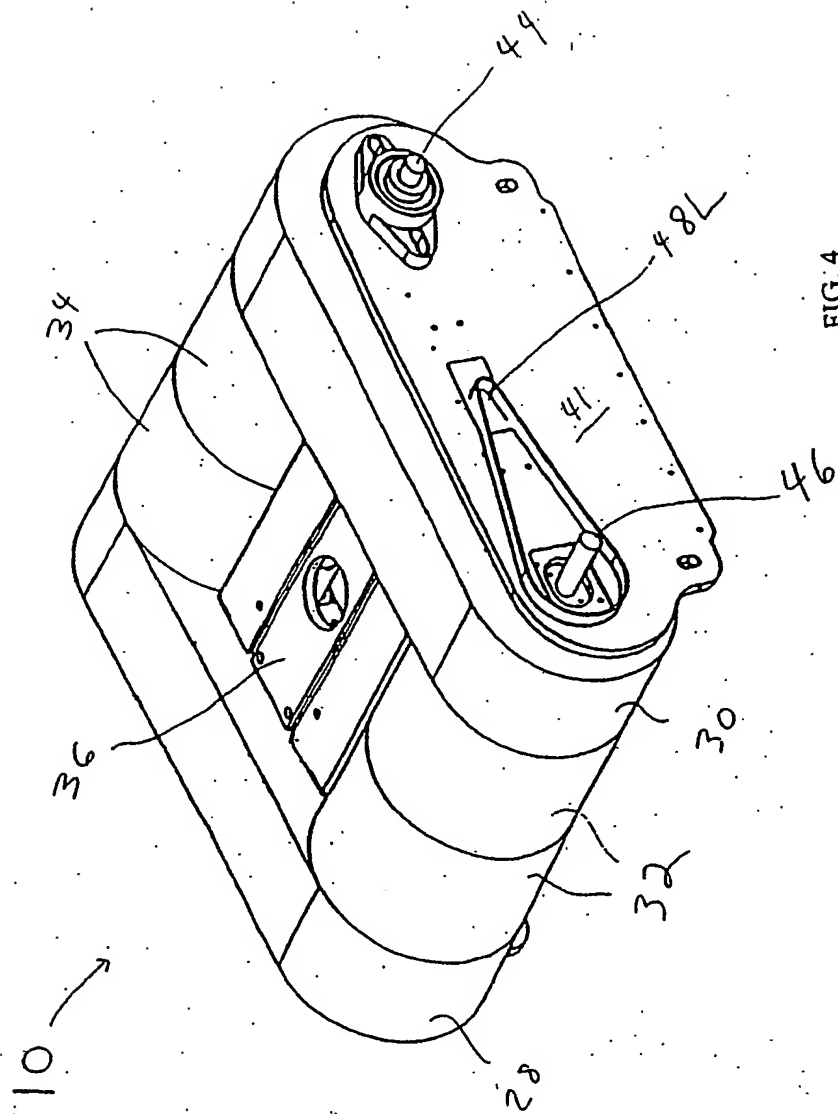


FIG. 4 is a perspective view of the assembly 10. The assembly 10 includes a base 28 and a cover 32. The base 28 has a central opening 30. The cover 32 is positioned over the base 28 and is secured by a latch 34. A hinge 36 is located on the side of the base 28. A pin 44 is inserted into a hole 46 in the base 28. A spring 48L is attached to the pin 44. A label 41 is visible on the side of the base 28.

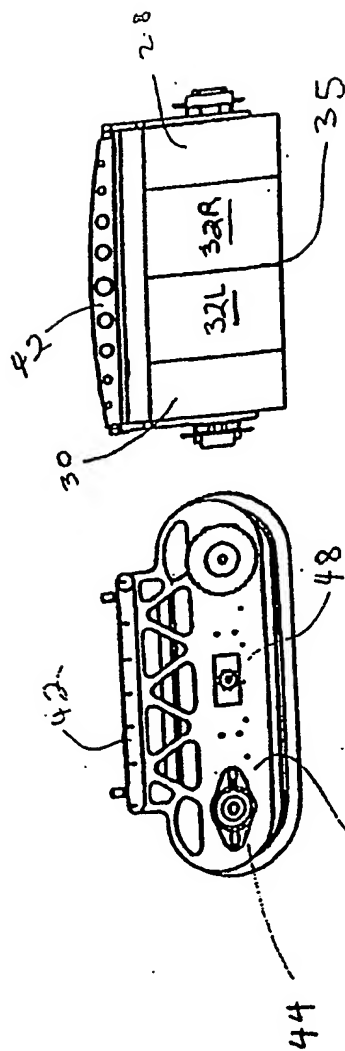
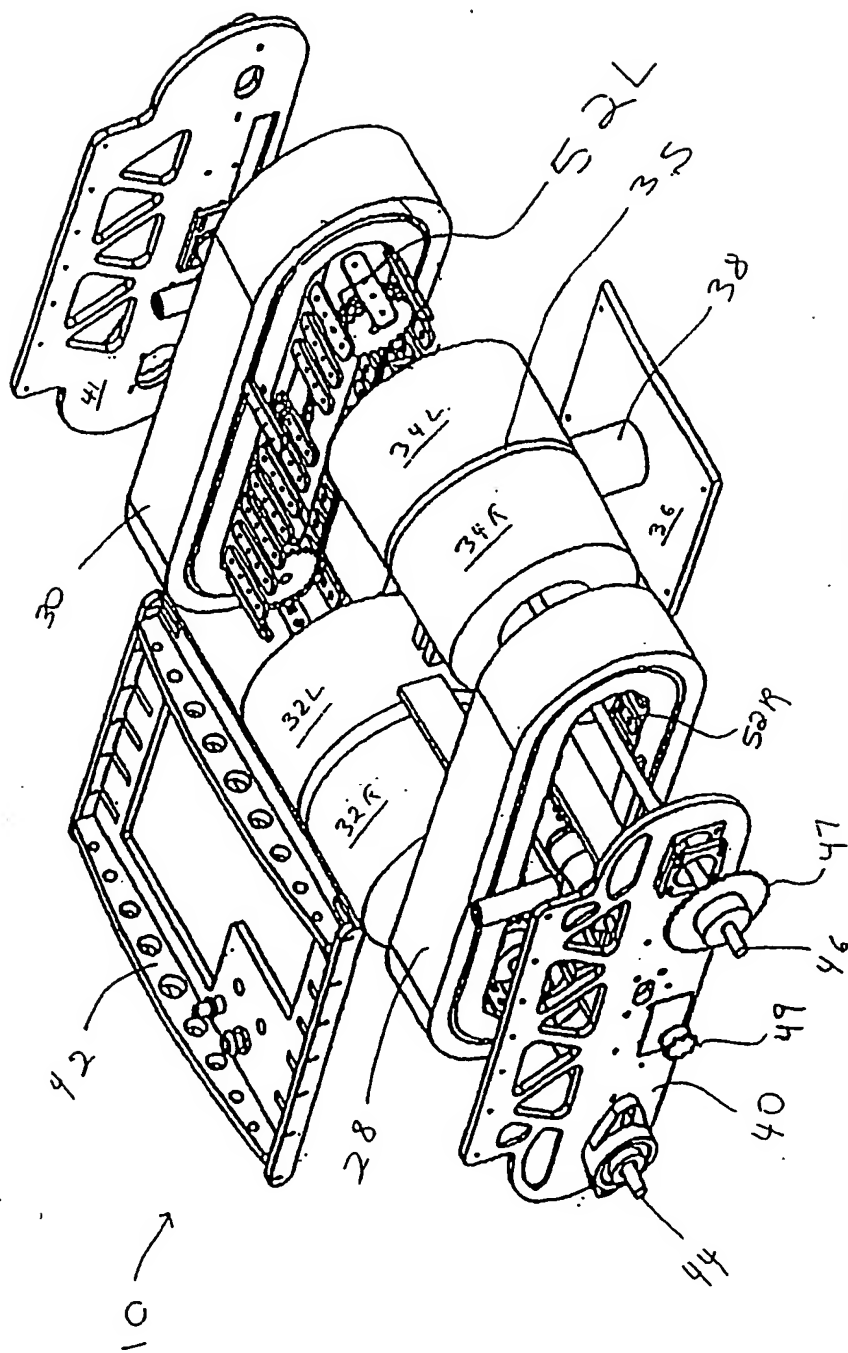


FIG. 5B

FIG. 5A



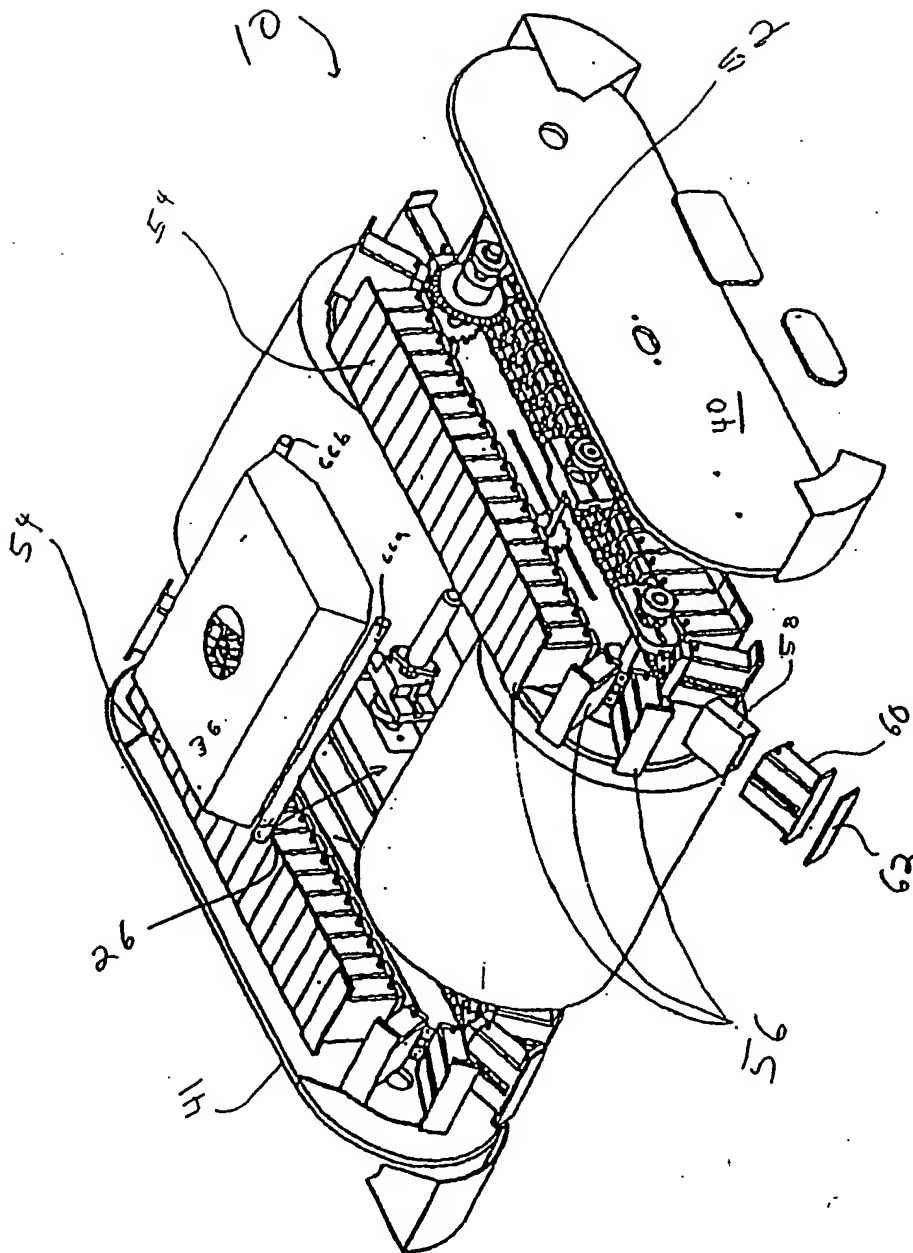


FIG. 7



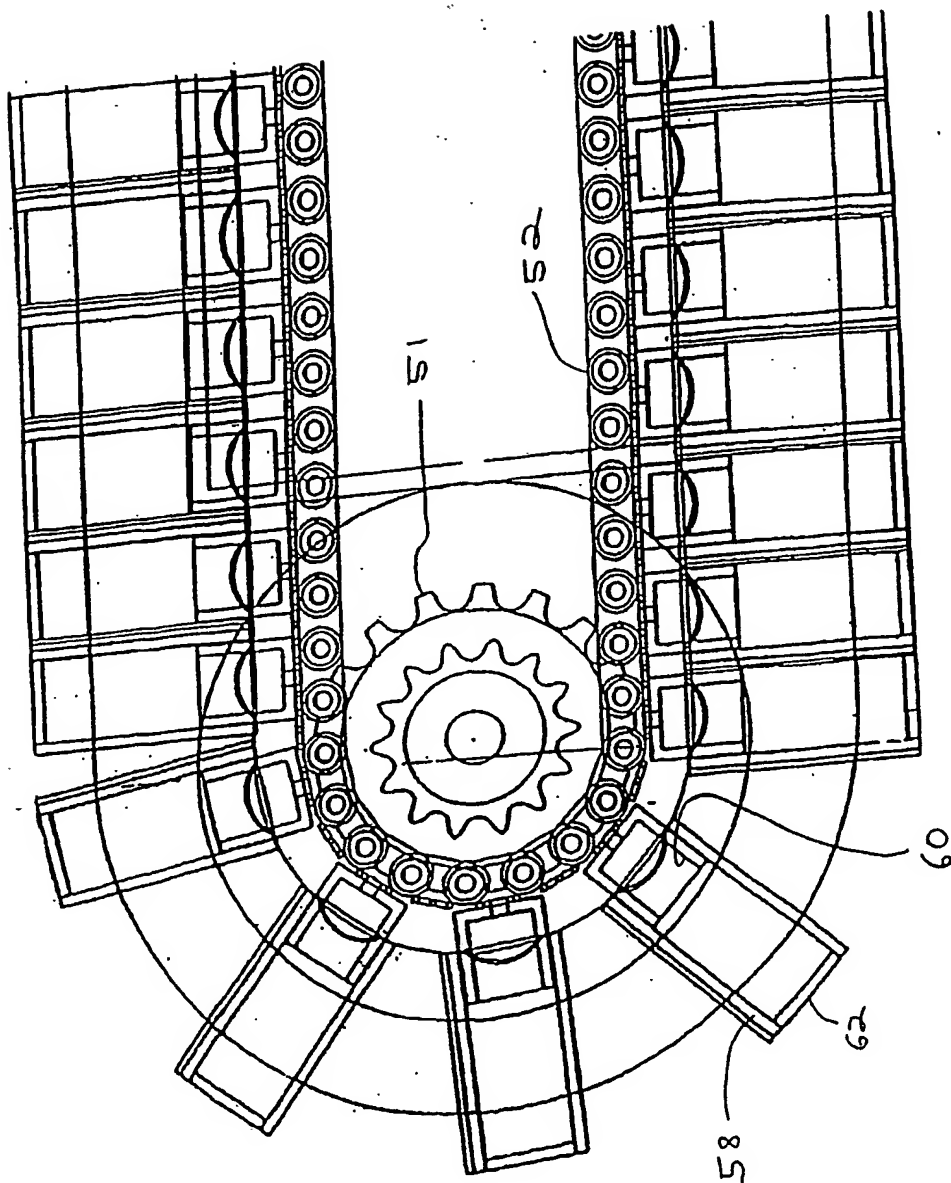


FIG. 8

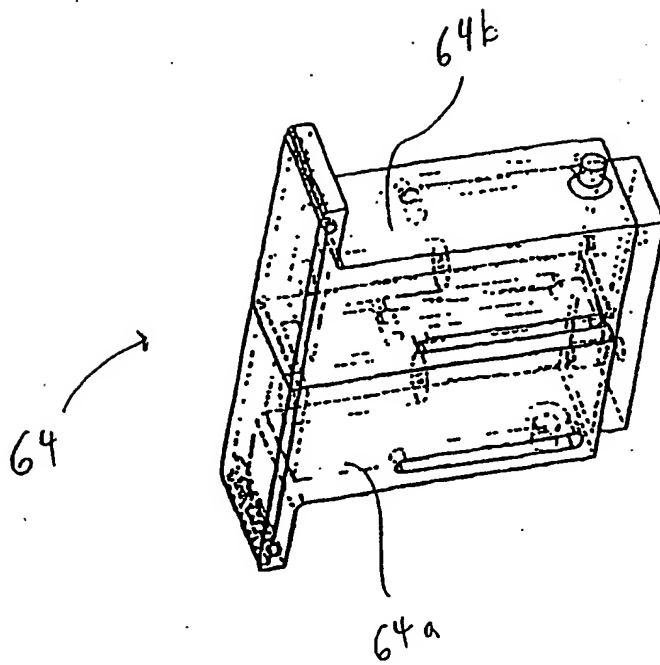


FIG. 9

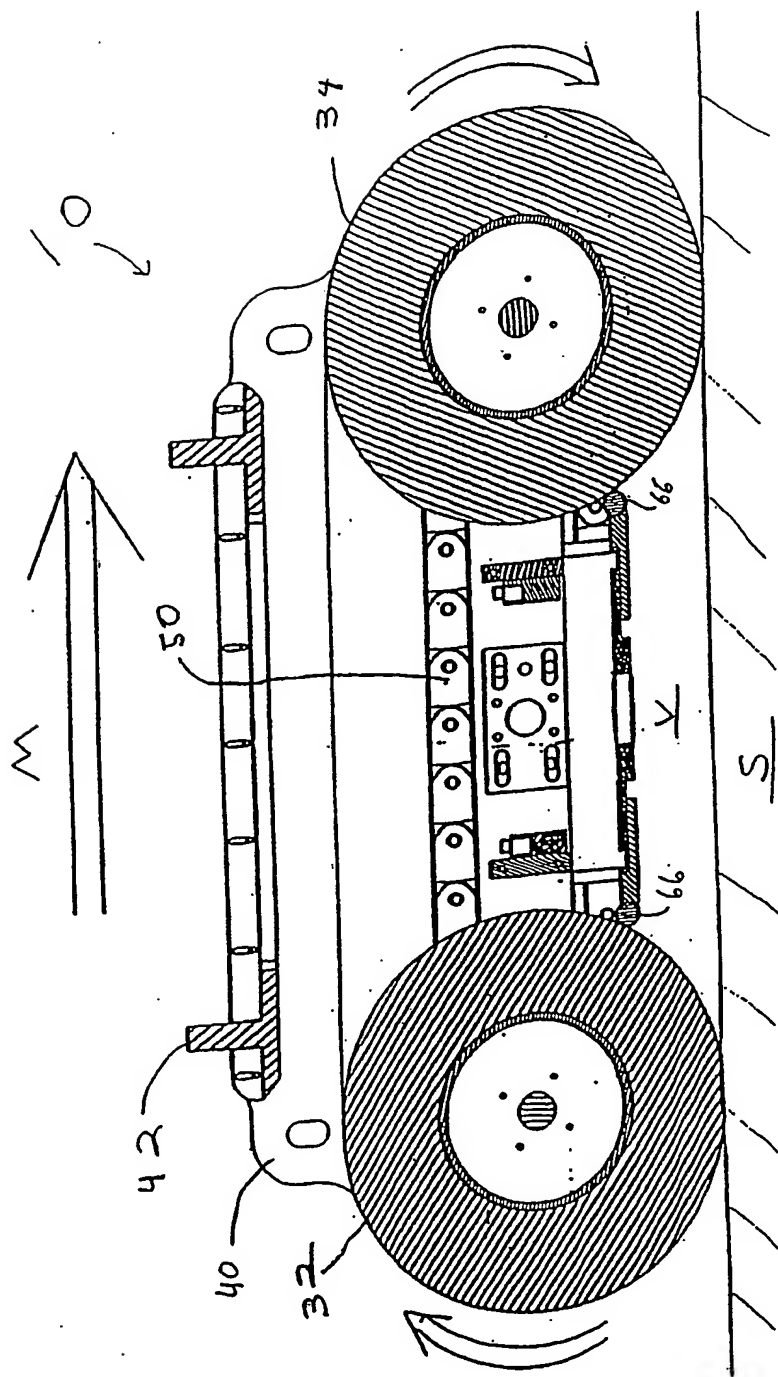
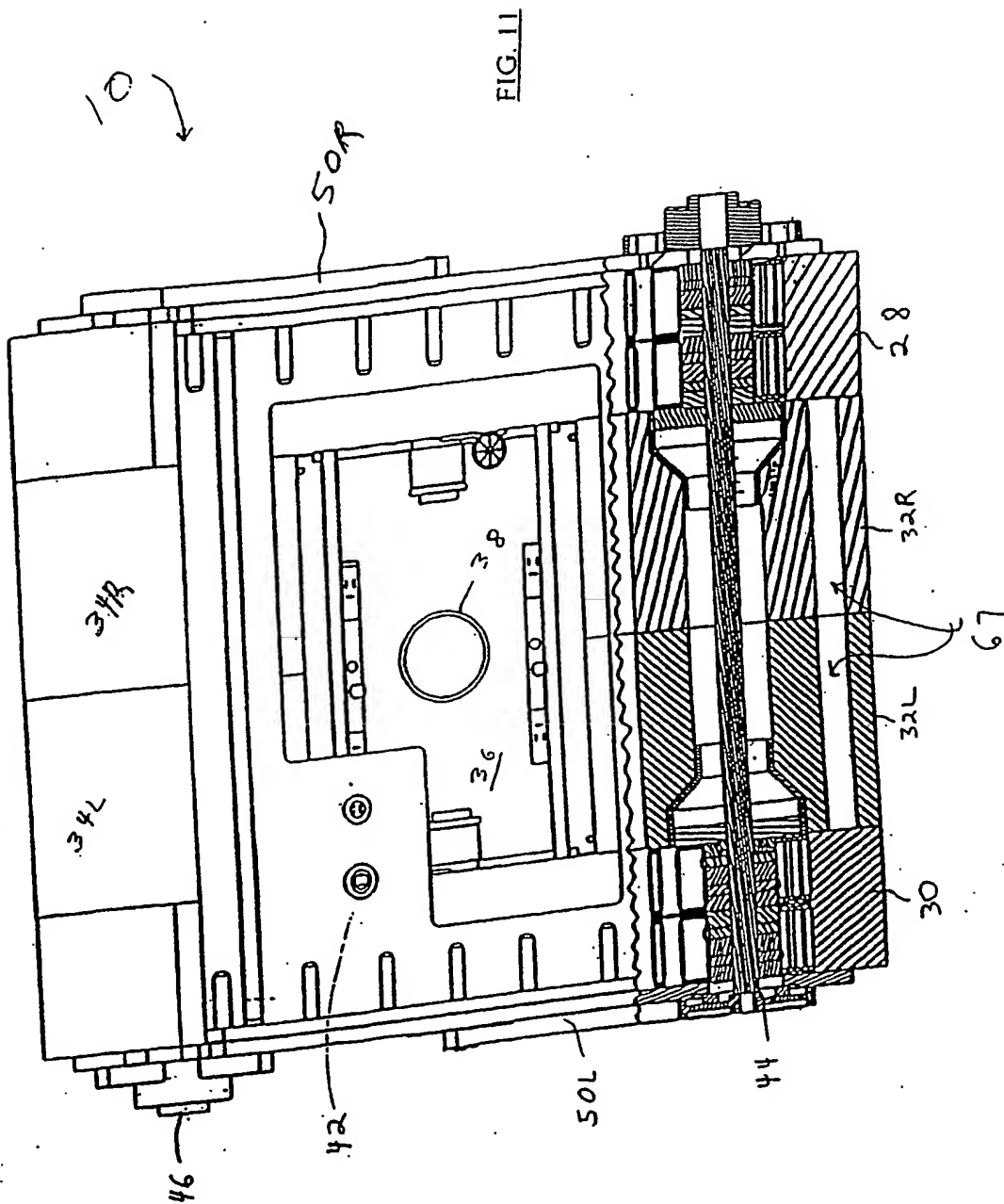


FIG. 10



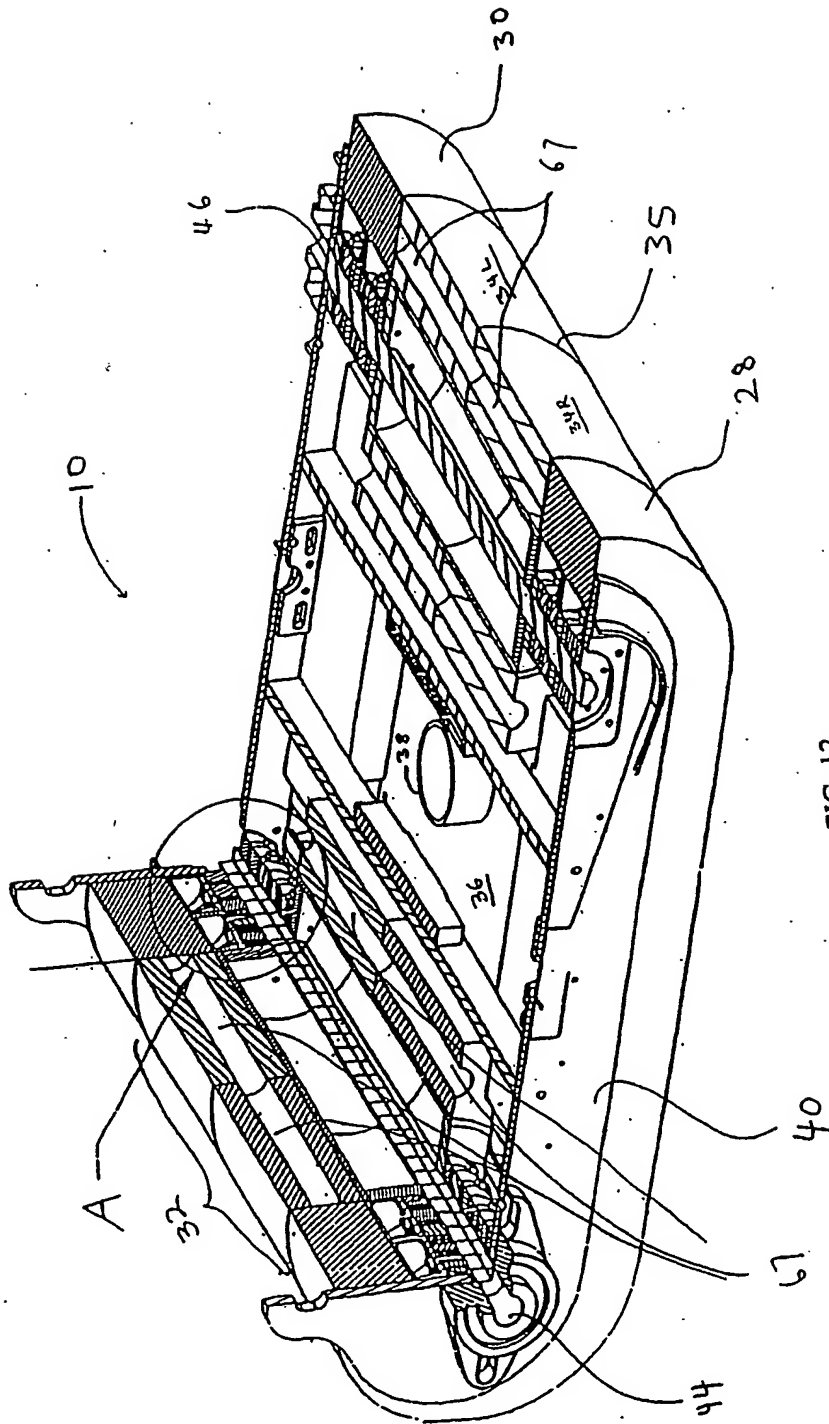


FIG. 12

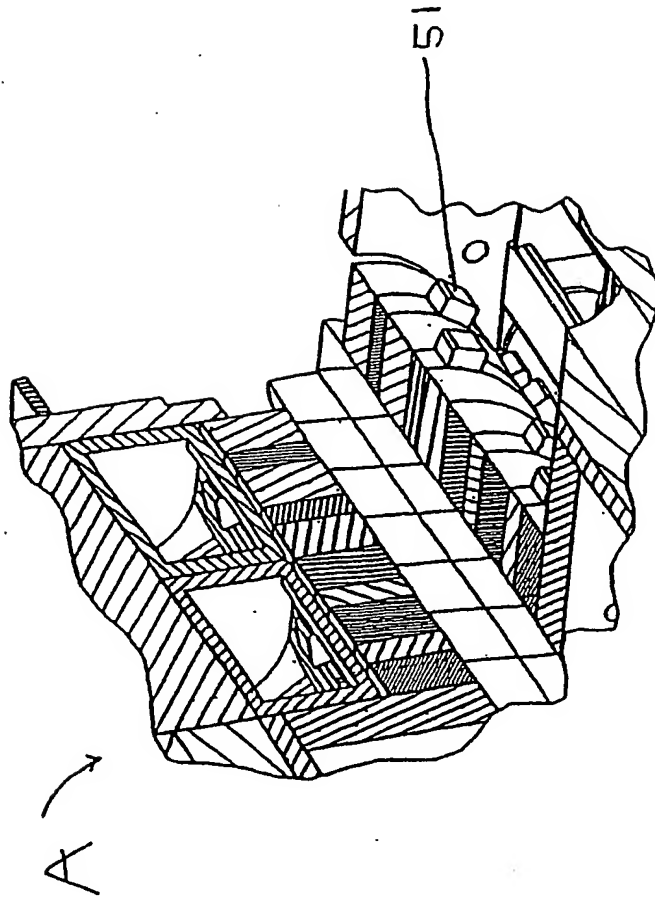


FIG. 13

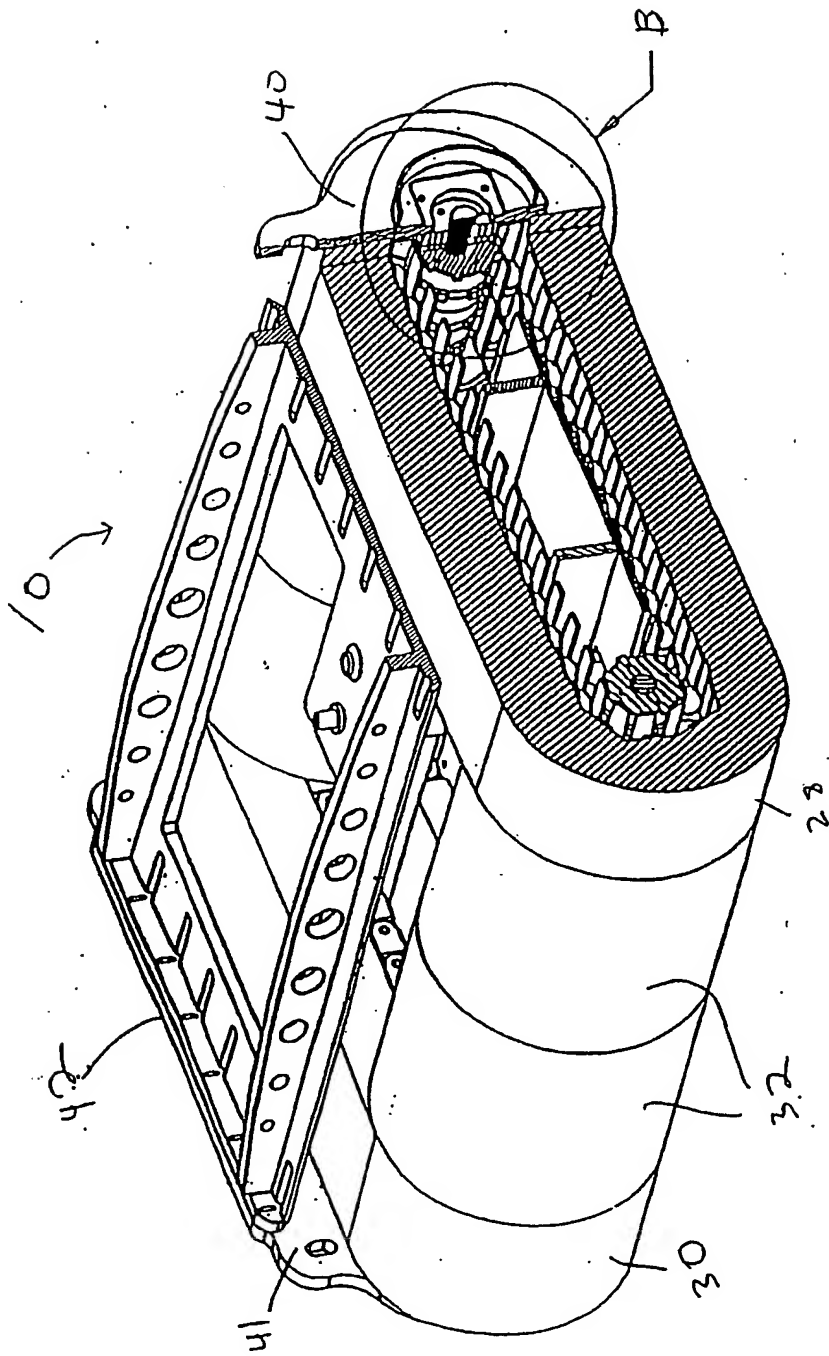


FIG. 14

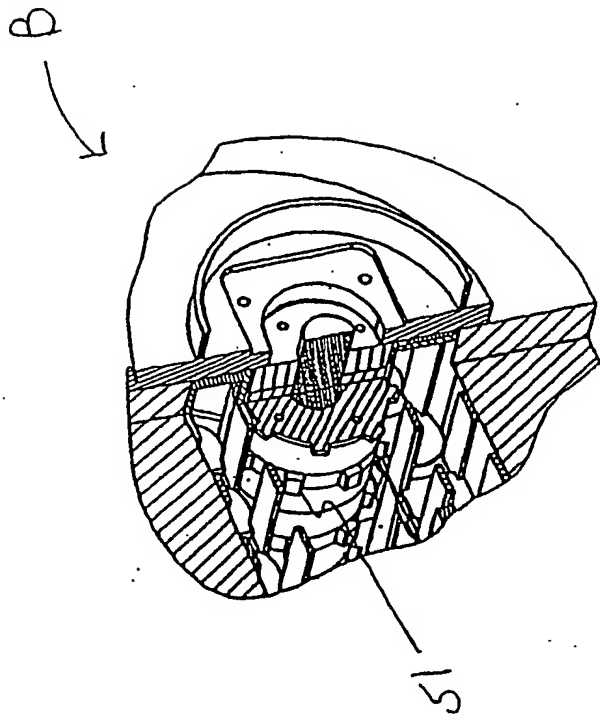
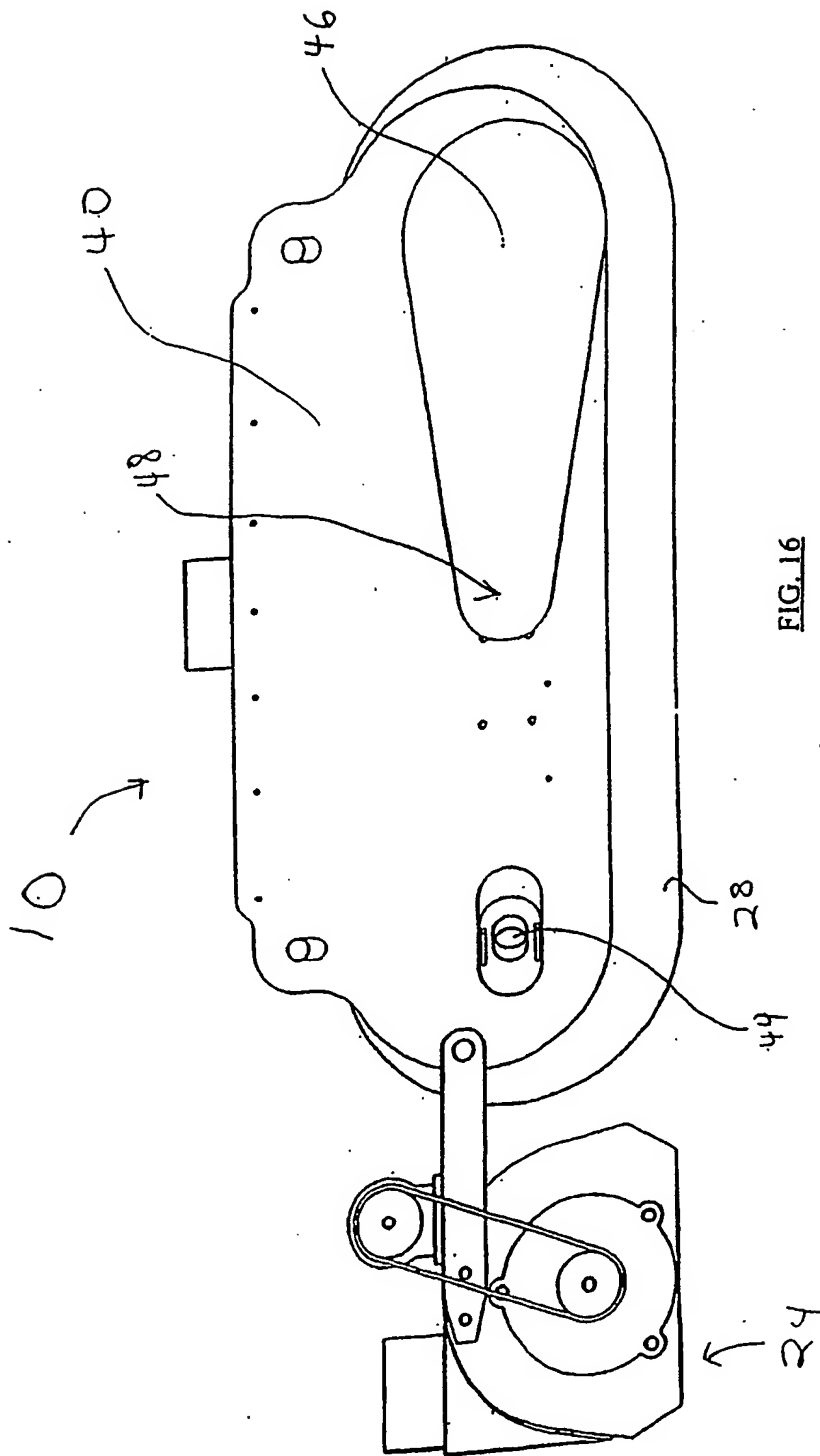
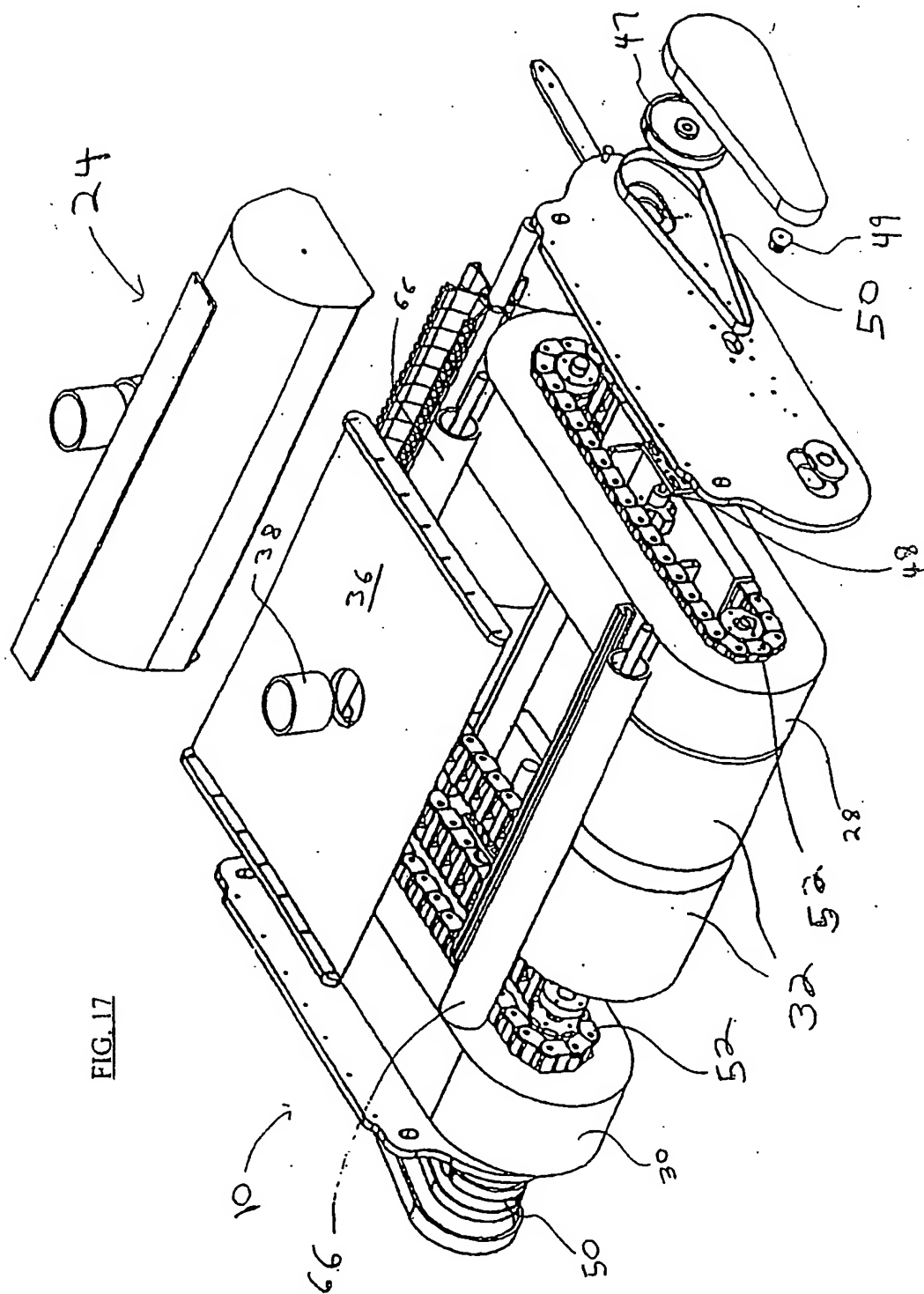


FIG. 15







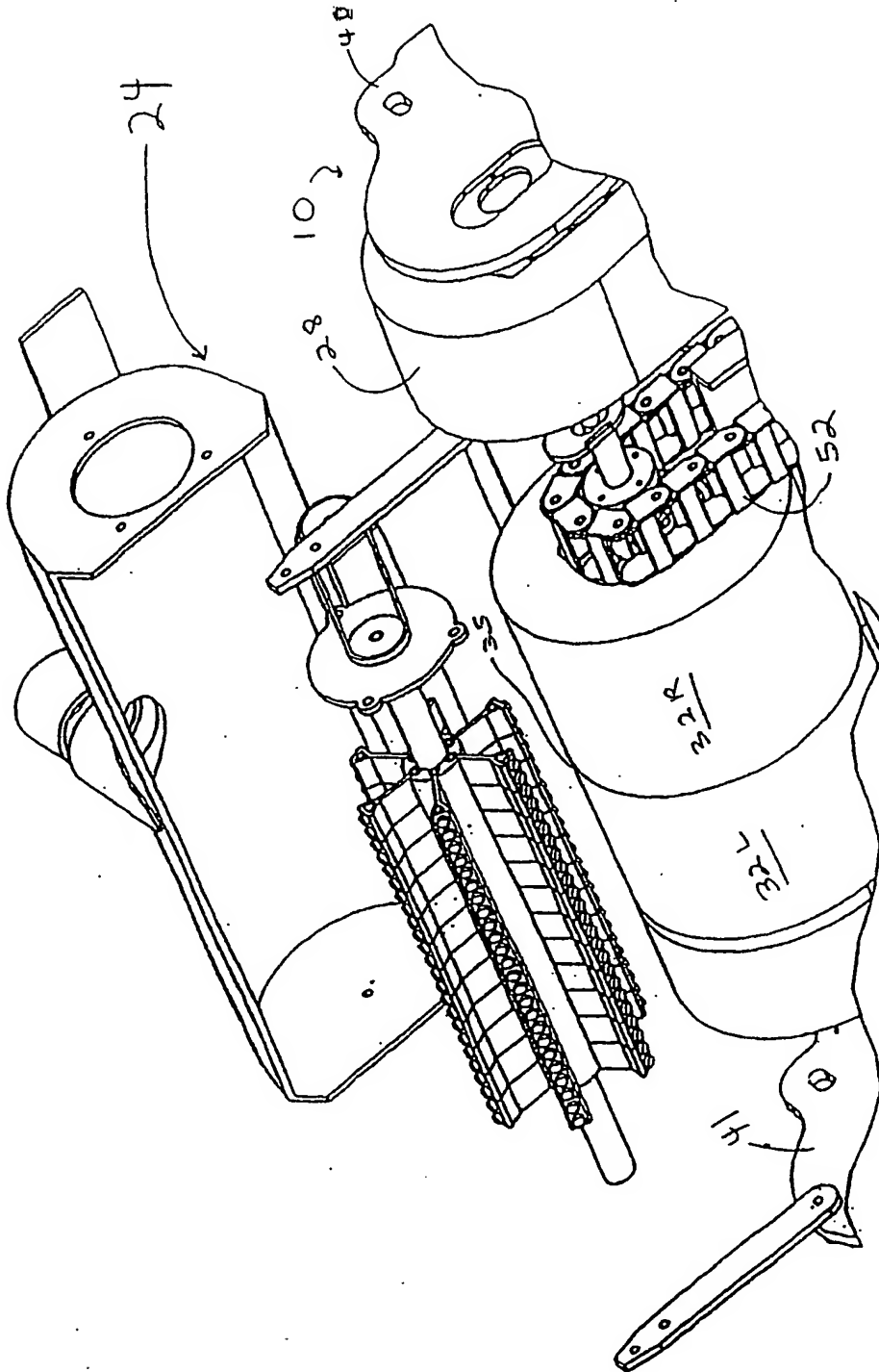


FIG. 18A

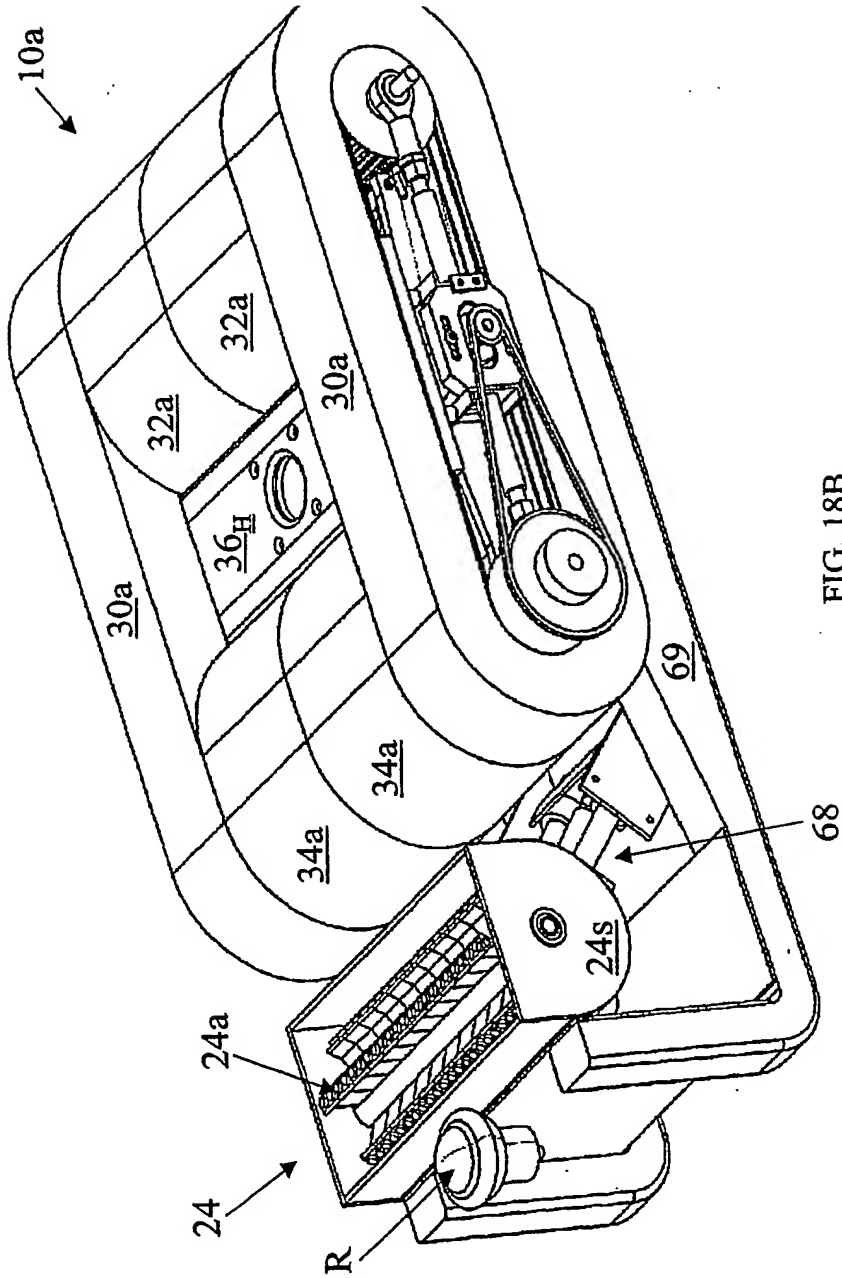


FIG. 18B

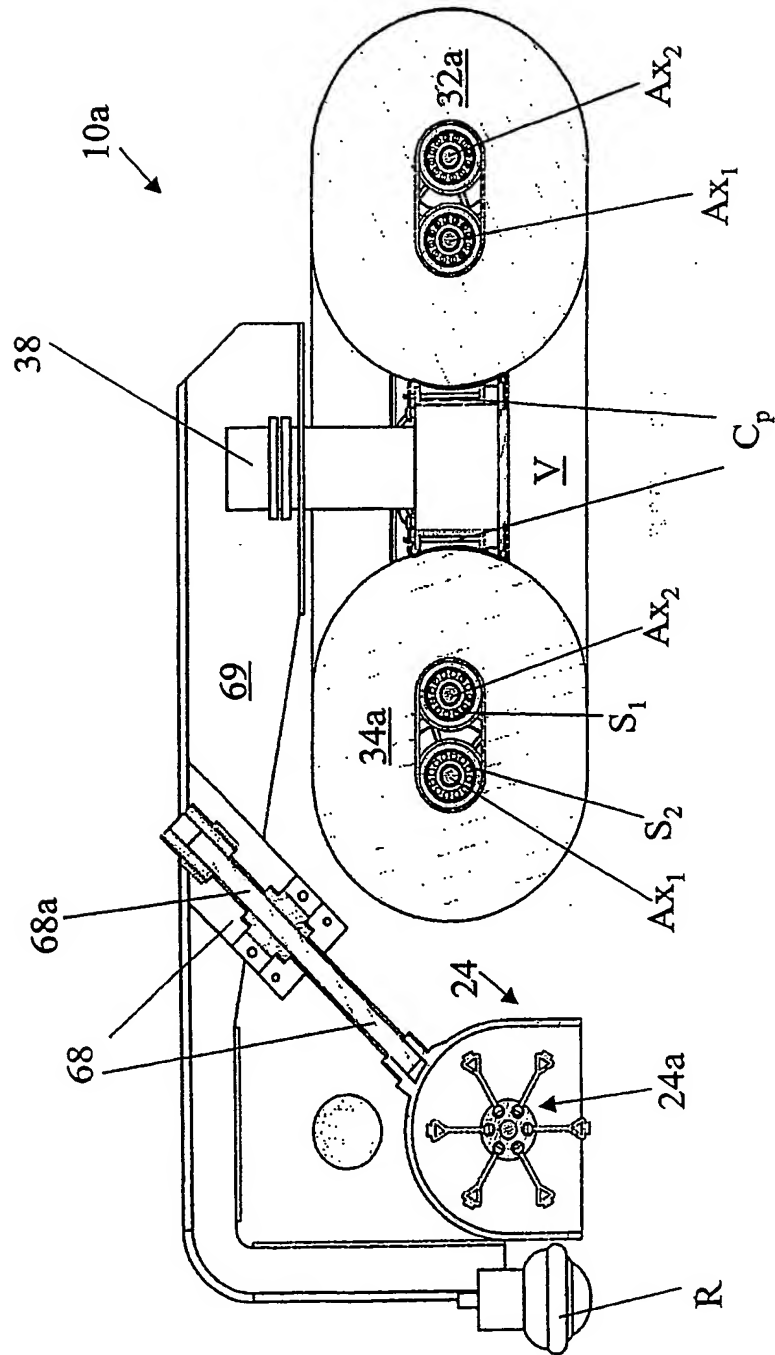


FIG. 18C



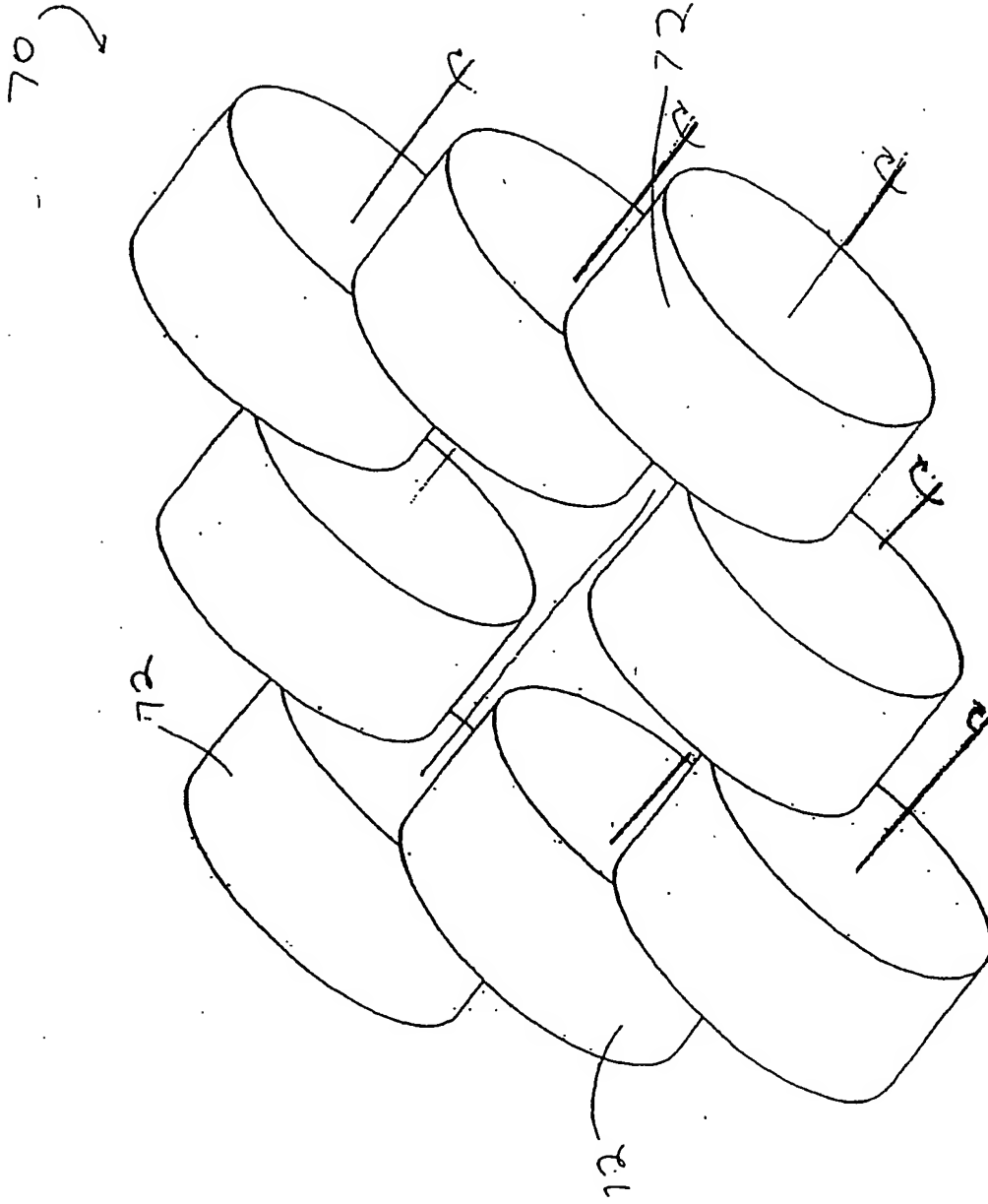
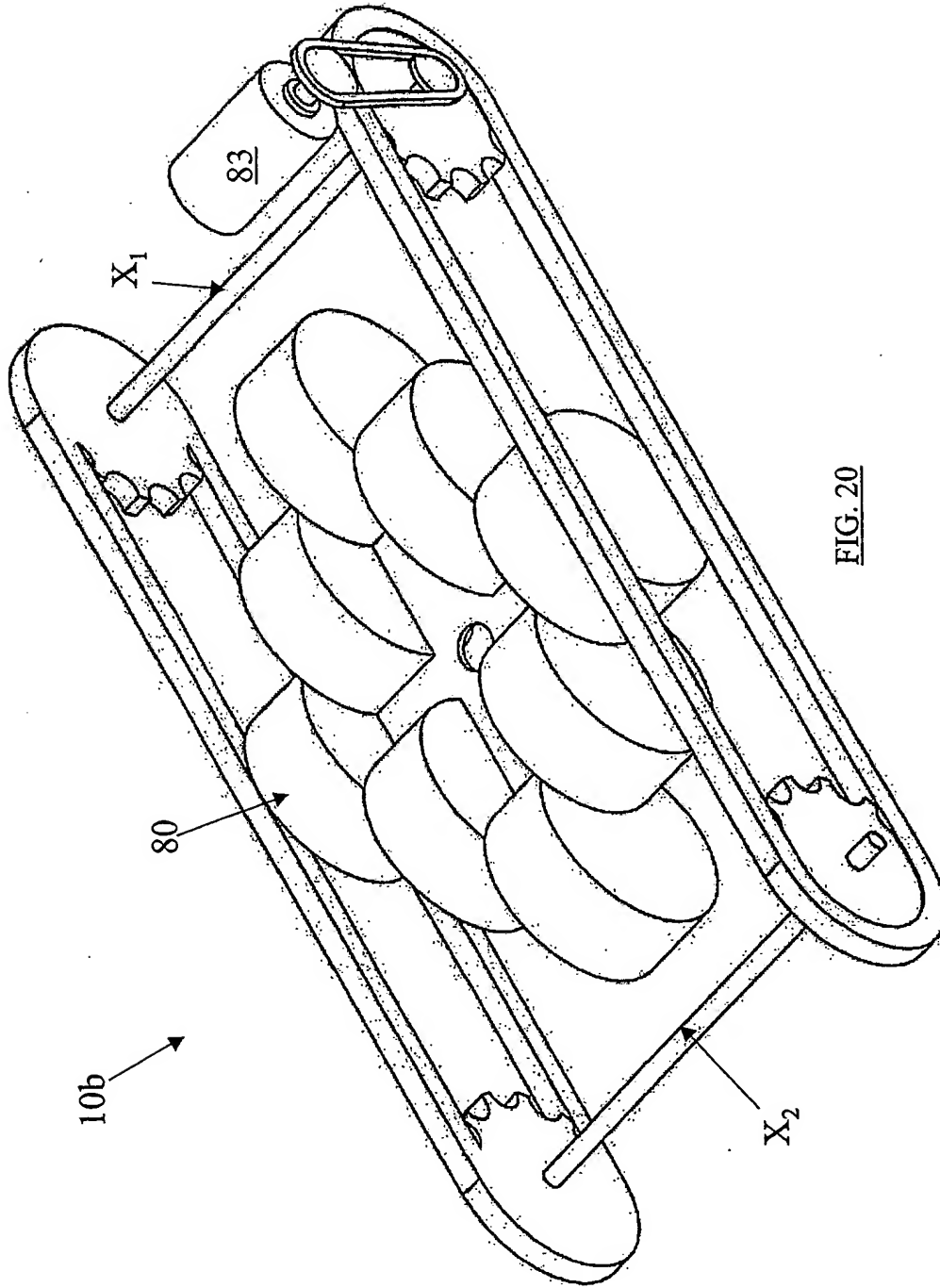


FIG. 19





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